

10/561,571

Welcome to STN International! Enter x:x

LOGINID: ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * * * * * * * STN Columbus *

FILE 'HOME' ENTERED AT 09:19:42 ON 04 DEC 2004

FILE 'REGISTRY' ENTERED AT 09:20:07 ON 04 DEC 2004
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 DEC 2004 HIGHEST RN 791748-19-1
DICTIONARY FILE UPDATES: 2 DEC 2004 HIGHEST RN 791748-19-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\504020752-7.str

L1 STRUCTURE uploaded

=> que L1

L2 QUE L1

=> d l1
L1 HAS NO ANSWERS
L1 STR
/ Structure 1 in file .gra /

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 09:20:38 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 117 TO ITERATE

100.0% PROCESSED 117 ITERATIONS 36 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1692 TO 2988
PROJECTED ANSWERS: 360 TO 1080

L3 36 SEA SSS SAM L1

=> log y
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
0.42 0.63

10/561,571

STN INTERNATIONAL LOGOFF AT 09:20:47 ON 04 DEC 2004

Welcome to STN International! Enter x:x

LOGINID:ssspta1611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 01 INPADOC: New family current-awareness alert (SDI) available
NEWS 4 SEP 01 New pricing for the Save Answers for SciFinder Wizard within
STN Express with Discover!
NEWS 5 SEP 01 New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS 6 SEP 27 STANDARDS will no longer be available on STN
NEWS 7 SEP 27 SWETSCAN will no longer be available on STN
NEWS 8 OCT 28 KOREAPAT now available on STN
NEWS 9 NOV 18 Current-awareness alerts, saved answer sets, and current
search transcripts to be affected by CERAB, COMPUAB, ELCOM,
and SOLIDSTATE reloads
NEWS 10 NOV 30 PHAR reloaded with additional data
NEWS 11 DEC 01 LISA now available on STN

NEWS EXPRESS OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * * * * * * STN Columbus * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:22:14 ON 04 DEC 2004

| => file reg | COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---------------------|----------------------|------------------|---------------|
| FULL ESTIMATED COST | | 0.21 | 0.21 |

FILE 'REGISTRY' ENTERED AT 09:22:20 ON 04 DEC 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 2 DEC 2004 HIGHEST RN 791748-19-1
DICTIONARY FILE UPDATES: 2 DEC 2004 HIGHEST RN 791748-19-1

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=>
Uploading C:\STNEXP4\QUERIES\504020752-6.str

L1 STRUCTURE uploaded

=> que L1

L2 QUE L1

=> d l1
L1 HAS NO ANSWERS
L1 STR
/ Structure 2 in file .gra /

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam
SAMPLE SEARCH INITIATED 09:22:44 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 906 TO ITERATE

100.0% PROCESSED 906 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 16315 TO 19925
PROJECTED ANSWERS: 2 TO 124

L3 2 SEA SSS SAM L1

=> d scan

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10/561,571

L3 2 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 9H-Purine-9-acetamide, 2-(4-chlorophenyl)-8-methoxy-N-methyl-N-phenyl-
(9CI)
MF C21 H18 Cl N5 O2

/ Structure 3 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

10/561,571

L3 2 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Ethanone, 2-(2-ethoxy-7-methyl-1H-benzimidazol-1-yl)-1-phenyl- (9CI)
MF C18 H18 N2 O2

/ Structure 4 in file .gra /

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

10/561,571

=> s 11 sss ful
FULL SEARCH INITIATED 09:23:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 17969 TO ITERATE

100.0% PROCESSED 17969 ITERATIONS 32 ANSWERS
SEARCH TIME: 00.00.01

L4 32 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
 ENTRY SESSION
FULL ESTIMATED COST 155.42 155.63

FILE 'CAPLUS' ENTERED AT 09:23:07 ON 04 DEC 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 4 Dec 2004 VOL 141 ISS 24
FILE LAST UPDATED: 2 Dec 2004 (20041202/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 14
L5 14 L4

=> d 15 1-14 bi hitstr
'BI' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB
ALL ----- BIB, AB, IND, RE
APPS ----- AI, PRAI
BIB ----- AN, plus Bibliographic Data and PI table (default)
CAN ----- List of CA abstract numbers without answer numbers
CBIB ----- AN, plus Compressed Bibliographic Data
DALL ----- ALL, delimited (end of each field identified)
DMAX ----- MAX, delimited for post-processing
FAM ----- AN, PI and PRAI in table, plus Patent Family data
FBIB ----- AN, BIB, plus Patent FAM
IND ----- Indexing data
IPC ----- International Patent Classifications
MAX ----- ALL, plus Patent FAM, RE
PAT----- PI, SO
SAM ----- CC, SX, TI, ST, IT

10/561,571

SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)
STD ----- BIB, IPC, and NCL

IABS ----- ABS, indented with text labels
IALL ----- ALL, indented with text labels
IBIB ----- BIB, indented with text labels
IMAX ----- MAX, indented with text labels
ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)
OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms
HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms
HITRN ----- HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
its structure diagram
HITSEQ ----- HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields
KWIC ----- Hit term plus 20 words on either side
OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):end

=> d 15 1-14 bib hitstr

10/561,571

L5 ANSWER 1 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:314372 CAPLUS
DN 140:399355
TI Discovery of the First Non-Peptide Full Agonists for the Human Bradykinin B2 Receptor Incorporating 4-(2-Picolyloxy)quinoline and 1-(2-Picolyl)benzimidazole Frameworks
AU Sawada, Yuki; Kayakiri, Hiroshi; Abe, Yoshito; Mizutani, Tsuyoshi; Inamura, Noriaki; Asano, Masayuki; Hatori, Chie; Aramori, Ichiro; Oku, Teruo; Tanaka, Hirokazu
CS Exploratory Research Laboratories, Fujisawa Pharmaceutical Co. Ltd., Ibaraki, Tsukuba, 300-2698, Japan
SO Journal of Medicinal Chemistry (2004), 47(11), 2853-2863
CODEN: JMCMAR; ISSN: 0022-2623
PB American Chemical Society
DT Journal
LA English
IT 194928-57-9P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (non-peptide full agonists for human bradykinin B2 receptor incorporating 4-(2-picolyloxy)quinoline and 1-(2-picolyl)benzimidazole frameworks)
RN 194928-57-9 CAPLUS
CN 1H-Benzimidazole-1-acetic acid, 4-[[3-[[[[(2E)-3-[6-(acetylamino)-3-pyridinyl]-1-oxo-2-propenyl]amino]acetyl]methylamino]-2,6-dichlorophenyl]methoxy]-2-methoxy-, ethyl ester (9CI) (CA INDEX NAME)

Double bond geometry as shown.

/ Structure 5 in file .gra /

RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:491188 CAPLUS
 DN 139:69057
 TI Preparation of carbamates as hormone-sensitive lipase inhibitors for the treatment of diabetes and related disorders
 IN Ebdrup, Soren; Hansen, Holger Claus; Vedso, Per; Cornelis De Jong, Johannes; Jacobsen, Poul
 PA Novo Nordisk A/S, Den.
 SO PCT Int. Appl., 390 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2003051842 | A2 | 20030626 | WO 2002-DK853 | 20021213 |
| | WO 2003051842 | A3 | 20040603 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | US 2003166690 | A1 | 20030904 | US 2002-319212 | 20021213 |
| | US 2003166644 | A1 | 20030904 | US 2002-319885 | 20021213 |
| | EP 1458375 | A2 | 20040922 | EP 2002-787449 | 20021213 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| PRAI | DK 2001-1879 | A | 20011214 | | |
| | DK 2002-645 | A | 20020430 | | |
| | DK 2002-1000 | A | 20020627 | | |
| | DK 2002-1562 | A | 20021011 | | |
| | US 2002-346909P | P | 20020103 | | |
| | US 2002-384243P | P | 20020530 | | |
| | US 2002-393068P | P | 20020628 | | |
| | US 2002-418481P | P | 20021015 | | |
| | WO 2002-DK853 | W | 20021213 | | |
| OS | MARPAT 139:69057 | | | | |
| IT | 548765-75-9P, N-Methyl-N-phenylcarbamic acid 1-(N-methyl-N-phenylcarbamoyl)-1H-benzimidazol-2-yl ester | | | | |
| | RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) | | | | |
| | (lipase inhibitor; preparation of carbamates as HSL inhibitors for treatment of diabetes and related disorders) | | | | |
| RN | 548765-75-9 CAPLUS | | | | |
| CN | Carbamic acid, methylphenyl-, 1-[(methylphenylamino)carbonyl]-1H-benzimidazol-2-yl ester (9CI) (CA INDEX NAME) | | | | |

/ Structure 6 in file .gra /

L5 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:491187 CAPLUS
 DN 139:69056
 TI Preparation of carbamates as hormone-sensitive lipase inhibitors for the treatment of diabetes and related disorders
 IN Ebdrup, Soren; Cornelis De Jong, Johannes; Jacobsen, Poul; Hansen, Holger Claus; Vedso, Per
 PA Novo Nordisk A/S, Den.
 SO PCT Int. Appl., 519 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2003051841 | A2 | 20030626 | WO 2002-DK852 | 20021213 |
| | WO 2003051841 | A3 | 20040624 | | |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | US 2003166690 | A1 | 20030904 | US 2002-319212 | 20021213 |
| | US 2003166644 | A1 | 20030904 | US 2002-319885 | 20021213 |
| | EP 1458374 | A2 | 20040922 | EP 2002-787448 | 20021213 |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| PRAI | DK 2001-1879 | A | 20011214 | | |
| | DK 2002-645 | A | 20020430 | | |
| | DK 2002-1000 | A | 20020627 | | |
| | DK 2002-1562 | A | 20021011 | | |
| | US 2002-346909P | P | 20020103 | | |
| | US 2002-384243P | P | 20020530 | | |
| | US 2002-393068P | P | 20020628 | | |
| | US 2002-418481P | P | 20021015 | | |
| | WO 2002-DK852 | W | 20021213 | | |
| OS | MARPAT 139:69056 | | | | |
| IT | 548765-75-9P | | | | |
| | RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) | | | | |
| | (lipase inhibitor; preparation of carbamates as HSL inhibitors for treatment of diabetes and related disorders) | | | | |
| RN | 548765-75-9 CAPLUS | | | | |
| CN | Carbamic acid, methylphenyl-, 1-[(methylphenylamino)carbonyl]-1H-benzimidazol-2-yl ester (9CI) (CA INDEX NAME) | | | | |

/ Structure 7 in file .gra /

10/561,571

L5 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2000:861681 CAPLUS
DN 134:17498
TI Preparation of 2-arylpurine-9-acetamide derivatives having selective action on peripheral benzodiazepine receptor, process for the preparation thereof, medicinal compositions containing the same and intermediates of the derivatives

IN Murata, Teruya; Kondo, Katsunori; Masumoto, Kaoru; Kohayakawa, Hitoshi; Furukawa, Kiyoshi
PA Dainippon Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2000073306 | A1 | 20001207 | WO 2000-JP3374 | 20000526 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | JP 2003146987 | A2 | 20030521 | JP 1999-150878 | 19990531 |
| PRAI | JP 1999-150878 | A | 19990531 | | |
| OS | MARPAT 134:17498 | | | | |
| IT | 310409-50-8P 310409-52-0P 310410-11-8P | | | | |
| | RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) | | | | |
| | (preparation of 2-arylpurine-9-acetamide derivs. having selective action on peripheral benzodiazepine receptor as drugs) | | | | |
| RN | 310409-50-8 CAPLUS | | | | |
| CN | 9H-Purine-9-acetamide, 2-(4-chlorophenyl)-8-methoxy-N-methyl-N-phenyl-(9CI) (CA INDEX NAME) | | | | |

/ Structure 8 in file .gra /

RN 310409-52-0 CAPLUS
CN 9H-Purine-9-acetamide, 8-methoxy-2-(4-methoxyphenyl)-N-methyl-N-phenyl-(9CI) (CA INDEX NAME)

/ Structure 9 in file .gra /

RN 310410-11-8 CAPLUS
CN 9H-Purine-9-acetamide, 8-methoxy-N-methyl-N,2-diphenyl- (9CI) (CA INDEX NAME)

/ Structure 10 in file .gra /

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

10/561,571

L5 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:533640 CAPLUS
 DN 127:220659
 TI Quinoline and benzimidazole derivatives as bradykinin agonists
 IN Oku, Teruo; Kayakiri, Hiroshi; Abe, Yoshito; Sawada, Yuki; Mizutani, Tsuyoshi
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 9728153 | A1 | 19970807 | WO 1997-JP233 | 19970131 |
| | W: AU, CA, CN, JP, KR, MX, US
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | | |
| | AU 9715569 | A1 | 19970822 | AU 1997-15569 | 19970131 |
| | EP 879233 | A1 | 19981125 | EP 1997-901799 | 19970131 |
| | EP 879233 | B1 | 20030813 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI | | | | |
| | JP 2001513749 | T2 | 20010904 | JP 1997-527493 | 19970131 |
| | AT 247103 | E | 20030815 | AT 1997-901799 | 19970131 |
| | ES 2202573 | T3 | 20040401 | ES 1997-901799 | 19970131 |
| | US 6015818 | A | 20000118 | US 1998-117453 | 19980803 |
| | US 6127389 | A | 20001003 | US 1999-422075 | 19991021 |
| PRAI | GB 1996-2029 | A | 19960201 | | |
| | WO 1997-JP233 | W | 19970131 | | |
| OS | MARPAT 127:220659 | | | | |
| IT | 194928-57-9P | | | | |
| | RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of quinoline and benzimidazole derivs. as bradykinin agonists) | | | | |
| RN | 194928-57-9 CAPLUS | | | | |
| CN | 1H-Benzimidazole-1-acetic acid, 4-[[3-[[[[(2E)-3-[6-(acetylamino)-3-pyridinyl]-1-oxo-2-propenyl]amino]acetyl]methylamino]-2,6-dichlorophenyl]methoxy]-2-methoxy-, ethyl ester (9CI) (CA INDEX NAME) | | | | |

Double bond geometry as shown.

/ Structure 11 in file .gra /

10/561,571

L5 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1997:315042 CAPLUS
DN 126:293352
TI Preparation of benzimidazoles for the prevention and/or the treatment of bone diseases
IN Oku, Teruo; Kawai, Yoshio; Yatabe, Takumi; Sato, Shigeki; Yamazaki, Hitoshi; Kayakiri, Natsuko; Yoshihara, Kousei
PA Fujisawa Pharmaceutical Co., Ltd., Japan
SO PCT Int. Appl., 146 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|----------------|----------------------------------|--|----------------------------------|
| PI | WO 9710219
W: JP, US
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
EP 863881
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI
JP 11513364 | A1
A1
T2 | 19970320
19980916
19991116 | WO 1996-JP2530
EP 1996-929540
JP 1996-511824 | 19960905
19960905
19960905 |
| PRAI | GB 1995-18552
WO 1996-JP2530 | A
W | 19950911
19960905 | | |
| OS | MARPAT 126:293352 | | | | |
| IT | 189044-45-9P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of benzimidazoles for the prevention and/or the treatment of bone diseases) | | | | |
| RN | 189044-45-9 CAPLUS | | | | |
| CN | Benzamide, 2,6-dichloro-N-[2-methoxy-1-(2-oxopropyl)-1H-benzimidazol-4-yl]-(9CI) (CA INDEX NAME) | | | | |

RN 189044-45-9 CAPLUS
CN Benzamide, 2,6-dichloro-N-[2-methoxy-1-(2-oxopropyl)-1H-benzimidazol-4-yl]-(9CI) (CA INDEX NAME)

/ Structure 12 in file .gra /

IT 189045-51-0P 189045-53-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzimidazoles for the prevention and/or the treatment of bone diseases)
RN 189045-51-0 CAPLUS
CN 2-Propanone, 1-(2-methoxy-4-nitro-1H-benzimidazol-1-yl)-(9CI) (CA INDEX NAME)

/ Structure 13 in file .gra /

RN 189045-53-2 CAPLUS
CN 2-Propanone, 1-(4-amino-2-methoxy-1H-benzimidazol-1-yl)-(9CI) (CA INDEX NAME)

/ Structure 14 in file .gra /

10/561,571

L5 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:433588 CAPLUS
DN 122:187443
TI Regiospecific Functionalization of 1,3-Dihydro-2H-benzimidazol-2-one and Structurally Related Cyclic Urea Derivatives
AU Meanwell, Nicholas A.; Sit, Sing Yuen; Gao, Jinnian; Wong, Henry S.; Gao, Qi; St. Laurent, Denis R.; Balasubramanian, Neelakantan
CS Division of Chemistry and Department of Analytical Research, The Bristol-Myers Squibb Pharmaceutical Research Institute, Wallingford, CT, 06492-7660, USA
SO Journal of Organic Chemistry (1995), 60(6), 1565-82
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
IT 161468-60-6P 161468-61-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(regiospecific functionalization of cyclic ureas using selective protection by alkoxy carbonyl groups)
RN 161468-60-6 CAPLUS
CN 1H-Imidazo[4,5-b]pyridine-1-carboxylic acid, 2-(phenylmethoxy)-, ethyl ester (9CI) (CA INDEX NAME)

/ Structure 15 in file .gra /

RN 161468-61-7 CAPLUS
CN 1H-Imidazo[4,5-b]pyridine-1-carboxylic acid, 2-(cyclohexylmethoxy)-, ethyl ester (9CI) (CA INDEX NAME)

/ Structure 16 in file .gra /

10/561,571

L5 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1995:259941 CAPLUS
DN 122:25854
TI Fungicide mixtures containing cyclopropanecarboxamides
IN Kurahashi, Yoshio; Hatsutori, Takemasa
PA Nihon Tokushu Noyaku Seizo Kk, Japan
SO Jpn. Kokai Tokkyo Koho, 6 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | JP 06256120 | A2 | 19940913 | JP 1993-69148 | 19930305 |
| | BR 9400668 | A | 19940927 | BR 1994-668 | 19940224 |
| | CN 1307805 | A | 20010815 | CN 2000-128098 | 20001201 |
| PRAI | JP 1993-59396 | A | 19930225 | | |
| | JP 1993-69148 | A | 19930305 | | |
| | JP 1993-69149 | A | 19930305 | | |
| | JP 1993-69150 | A | 19930305 | | |
| OS | MARPAT 122:25854 | | | | |
| IT | 159834-39-6D, mixts. with cyclopropanecarboxamide derivs.
RL: AGR (Agricultural use); BAC (Biological activity or effector, except
adverse); BSU (Biological study, unclassified); BIOL (Biological study);
USES (Uses)
(fungicide in rice) | | | | |
| RN | 159834-39-6 CAPLUS | | | | |
| CN | 1H-Benzimidazole-1-carboxamide, N-butyl-2-[(methylamino)carbonyl]oxy]-
(9CI) (CA INDEX NAME) | | | | |

/ Structure 17 in file .gra /

10/561,571

L5 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1994:507684 CAPLUS
DN 121:107684
TI Ambident heterocyclic reactivity: alkylation of 2-substituted
4-methylbenzimidazoles
AU Haque, M. Rezaul; Rasmussen, Malcolm
CS Chem. Dep., Australian Natl. Univ., Canberra, 0200, Australia
SO Tetrahedron (1994), 50(18), 5535-54
CODEN: TETRAB; ISSN: 0040-4020
DT Journal
LA English
IT 156725-91-6P 156725-92-7P 156725-93-8P
156725-94-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 156725-91-6 CAPLUS
CN 1H-Benzimidazole-1-acetic acid, 2-ethoxy-4-methyl-, 1,1-dimethylethyl
ester (9CI) (CA INDEX NAME)

/ Structure 18 in file .gra /

RN 156725-92-7 CAPLUS
CN 1H-Benzimidazole-1-acetic acid, 2-ethoxy-7-methyl-, 1,1-dimethylethyl
ester (9CI) (CA INDEX NAME)

/ Structure 19 in file .gra /

RN 156725-93-8 CAPLUS
CN Ethanone, 2-(2-ethoxy-4-methyl-1H-benzimidazol-1-yl)-1-phenyl- (9CI) (CA
INDEX NAME)

/ Structure 20 in file .gra /

RN 156725-94-9 CAPLUS
CN Ethanone, 2-(2-ethoxy-7-methyl-1H-benzimidazol-1-yl)-1-phenyl- (9CI) (CA
INDEX NAME)

/ Structure 21 in file .gra /

10/561,571

L5 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1989:8111 CAPLUS
DN 110:8111
TI Reactivity of nucleophiles towards some N-substituted 2-chlorobenzimidazoles
AU N'Diaye, Ibrahima; Mayrargue, Joelle; Combet-Farnoux, Claude; Miocque, Marcel
CS Lab. Chim. Org. Therapeut., Fac. Pharm., Chatenay-Malabry, 92296, Fr.
SO Bulletin de la Societe Chimique de France (1988), (1), 139-42
CODEN: BSCFAS; ISSN: 0037-8968
DT Journal
LA French
OS CASREACT 110:8111
IT 117953-90-9P
RN 117953-90-9 CAPLUS
CN 2-Propanone, 1-(2-methoxy-1H-benzimidazol-1-yl)- (9CI) (CA INDEX NAME)

/ Structure 22 in file .gra /

10/561,571

L5 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1975:156308 CAPLUS
DN 82:156308
TI Benzimidazole derivatives
IN Hasegawa, Hajime; Tsuda, Nobutada; Hasoya, Masahiro
PA Yoshitomi Pharmaceutical Industries, Ltd.
SO Jpn. Tokkyo Koho, 4 pp.
CODEN: JAXXAD

DT Patent

LA Japanese

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|--------|----------|---|----------|
| PI | JP 49041198 | B4 | 19741107 | JP 1970-26357 | 19700328 |
| PRAI | JP 1970-26357 | | 19700328 | | |
| IT | 55415-24-2P | | | RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of) | |
| RN | 55415-24-2 | CAPLUS | | | |
| CN | Ethanone, 2-[2-[2-(dimethylamino)ethoxy]-1H-benzimidazol-1-yl]-1-phenyl-,
ethanedioate (2:3) (9CI) (CA INDEX NAME) | | | | |

CM 1

CRN 55415-23-1

CMF C19 H21 N3 O2

/ Structure 23 in file .gra /

CM 2

CRN 144-62-7

CMF C2 H2 O4

/ Structure 24 in file .gra /

10/561,571

L5 ANSWER 12 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:537154 CAPLUS
DN 79:137154
TI 1-[Bis(β-chloroethyl)carbomyl]benzimidazoles
IN Schulze, Werner; Letsch, Gerhard; Jungstand, Walter; Gutsche, Walter;
Wohlrabe, Klaus
SO Ger. (East), 7 pp.
CODEN: GEXXA8
DT Patent
LA German
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|---|----------|
| PI DD 96947 | Z | 19730412 | DD 1971-153280 | 19710224 |
| PRAI DD 1971-153280 | A1 | 19710224 | | |
| IT 49649-84-5P | | | RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of) | |
| RN 49649-84-5 CAPLUS | | | | |
| CN 1H-Benzimidazole-1-carboxamide, N,N-bis(2-chloroethyl)-2-methoxy- (9CI)
(CA INDEX NAME) | | | | |

/ Structure 25 in file .gra /

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L5 ANSWER 13 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1973:492102 CAPLUS
DN 79:92102
TI Potential nitrogen mustard gas transport forms. I. 1-[bis(β-chloroethyl)carbamoyl]benzimidazoles
AU Schulze, W.; Letsch, G.
CS Zentralinst. Mikrobiol. Exp. Ther., Dtsch. Akad. Wiss., Jena, Ger. Dem. Rep.
SO Pharmazie (1973), 28(5), 304-8
CODEN: PHARAT; ISSN: 0031-7144
DT Journal
LA German
IT 49649-84-5P 50365-45-2P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 49649-84-5 CAPLUS
CN 1H-Benzimidazole-1-carboxamide, N,N-bis(2-chloroethyl)-2-methoxy- (9CI)
(CA INDEX NAME)

/ Structure 26 in file .gra /

RN 50365-45-2 CAPLUS
CN 1H-Benzimidazole-1-carboxamide, N,N-bis(2-chloroethyl)-2-ethoxy- (9CI)
(CA INDEX NAME)

/ Structure 27 in file .gra /

10/561,571

L5 ANSWER 14 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 1960:44666 CAPLUS
DN 54:44666
OREF 54:8822f-i
TI Formation of 2'-hydroxyimidazo(4',5':2,3)pyridine from the hydrazides and hydroxamic acids of 2-aminonicotinic and 3-aminopicolinic acids
AU Harrison, D.; Smith, A. C. B.
CS Nottingham & District Tech. Coll., Nottingham, UK
SO Journal of the Chemical Society, Abstracts (1959) 3157-8
CODEN: JCSAAZ; ISSN: 0590-9791
DT Journal
LA Unavailable
OS CASREACT 54:44666
IT 110062-85-6, 1H-Imidazo[4,5-b]pyridin-2-ol, 1-acetyl-, acetate
(preparation of)
RN 110062-85-6 CAPLUS
CN 1H-Imidazo[4,5-b]pyridin-2-ol, 1-acetyl-, acetate (6CI) (CA INDEX NAME)

/ Structure 28 in file .gra /

10/561,571

=> log y
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE ENTRY | TOTAL SESSION |
|------------------|---------------|
| 46.66 | 202.29 |

STN INTERNATIONAL LOGOFF AT 09:24:12 ON 04 DEC 2004